Organomineral fertilizer and method for the manufacture thereof.

Bibliographic data

Patent number: EP042258

Publication date:

1991-04-17

Inventor:

HOFMANN HERMANN (DE); SCHNORR KARL-ERNST (DE); MOLL

WOLFGANG PROF-DR (DE)

Applicant:

HOFMANN HERMANN (DE); SCHNORR KARL ERNST (DE); MOLL

WOLFGANG PROF DR (DE)

Classification:

- international:

C05F15/00; C05G1/00; C05G5/00

- european:

C05F9/04, C05G3/00PM

Application

EP19890118723 19891009

number: Priority

DE19883829938 19880902

number(s):

Abstract of EP0422258

The proportion of organic material in an organo-mineral fertiliser is to be increased. To this end there is proposed a preparation method in which a mixture consisting of a stabilised compost in which the more readily biodegradable components are decomposed aerobically, mineral additives and organic crosslinkers which are biodegradable or chemically degradable. is compressed or shaped by other means, is heated and cooled. The organic crosslinker proposed is a polymer based on polybutadiene. The mixture is shaped to give pellets of 2 to 5 mm in size. The pellets are subsequently sprayed with the crosslinking agent so that a crosslinked layer is formed, and heated at 70 DEG C for 15 - 30 minutes.

Also published as: DE3829938 (A1)